

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A data access, replication or communications system comprising:

a terminal including an electronic memory storing a terminal-side packet-queuing executable and a processor provided to execute the terminal-side packet-queuing executable to enable communication therewith independent of a session-based transport layer protocol, the terminal-side packet-queuing executable dividing a message into a plurality of packets; and

a server including an electronic memory storing a server-side packet-queuing executable and a processor provided to execute the server-side packet-queuing executable to enable communication therewith independent of a transport layer session-based protocol, ~~the server-side~~ each said packet-queuing executable dividing a message into a plurality of packets,

wherein a sending one of the terminal-side packet-queuing executable and the server-side packet-queuing executable ~~exchange~~ transmits a next packet of the message over a radio network using a session-independent transport layer protocol upon ~~and in dependence on~~ acknowledgement of receipt of ~~[[the]]~~ a previously transmitted packet of the message at by a receiving one of the terminal-side packet-queuing executable and the server-side packet queuing executable,

the terminal-side packet queuing executable and the server-side packet queuing executable together constituting a software application that is distributed between the terminal and the server in a predetermined functional proportion and cooperatively functions as a client of a second server, the second server performing a data handling service related to the message.

Claim 2 (Previously Presented): The system of Claim 1 wherein the message queuing software application is message oriented middleware.

Claim 3 (Currently Amended): The system of Claim 1 wherein the terminal-side packet-queuing executable insulates a terminal program from being affected if a connection over the radio network is broken by queuing packets [[s]] in readiness for the connection to be re-established, enabling the terminal program to proceed to another task.

Claim 4 (Previously Presented): The system of Claim 1 wherein the server-side packet-queuing executable insulates a server program from being affected if a connection over the radio network is broken by queuing packets in readiness for the connection to be re-established, enabling the server program to proceed to another task.

Claim 5 (Previously Presented): The system of Claim 1 wherein each message that is queued defines part or all of an event, the event describing a change to data stored at either the terminal or the second server in enough detail to enable data replication to take place without a need for a synchronization engine, data replication being achieved by sending events rather than a complete dataset of stored data for synchronization.

Claim 6 (Previously Presented): The system of Claim 5 wherein the terminal-side packet-queuing executable can create and queue packets defining events, enabling the terminal to proceed to another task, even if a network connection over the radio network is broken.

Claim 7 (Previously Presented): The system of Claim 5 wherein the server-side packet-queuing executable can create and queue packets defining events, enabling the second server to proceed to another task, even if a network connection over the radio network is broken, the packets being queued in one of the server-side packet-queuing executable and a message queuing system.

Claim 8 (Previously Presented): The system of Claim 6 wherein the queued packets persist in non-volatile memory when the terminal is switched off.

Claim 9 (Previously Presented): The system of Claim 7 wherein queued packets events persist in non-volatile memory when the server is switched off.

Claim 10 (Canceled).

Claim 11 (Previously Presented): The system of Claim 6 wherein packets queued on the terminal side include data indicative of references to data stored on the server.

Claim 12 (Previously Presented): The system of Claim 1, wherein a terminal-side component of the message queuing software application insulates the terminal program from being affected if a connection over the radio network is re-established by automatically causing a next packet in a terminal-side queue to be sent.

Claim 13 (Previously Presented): The system of Claim 4, wherein a server-side component of the message queuing application software insulates the server program from

being affected if a connection over the radio network is re-established by automatically causing a next packet in a server-side queue to be sent.

Claim 14 (Previously Presented): The system of Claim 1 wherein the terminal-side executable processes events from a terminal program, which is an e-mail or PIM program.

Claim 15 (Previously Presented): The system of Claim 1 wherein the server-side packet-queuing executable processes events from a server program running on the second server, the server program including a mail server program.

Claim 16 (Previously Presented): The system of Claim 1 wherein the terminal is a wireless terminal such as a mobile telephone or smartphone.

Claim 17 (Previously Presented): The system of Claim 1 wherein the radio network is a wireless WAN network such as a GPRS or UMTS network.

Claim 18 (Previously Presented): The system of Claim 1 wherein the server stores a logon password sent from the terminal and can use the logon password to access the server program running on the second server.

Claim 19 (Canceled).

Claim 20 (Previously Presented): The system of Claim 1 wherein the terminal monitors available memory on the terminal and automatically deletes data stored on the

terminal that meets a pre-defined criteria of at least one of age, use and size without affecting a corresponding data stored on the second server.

Claim 21 (Previously Presented): The system of Claim 20 wherein a user option to delete data stored on the terminal without affecting the corresponding data stored on the server is displayed at a same level in a menu hierarchy, displayed on the terminal, as an option to delete data stored on the terminal together with the corresponding data stored on the second server.

Claim 22 (Previously Presented): The system of Claim 20 wherein the data is message data and the terminal retains data that allows the message data to be re-supplied from the second server if requested by a user.

Claim 23 (Previously Presented): The system of Claim 20 wherein data is not released from memory if the data is marked as unread, open for user viewing or action, or there is a pending action related to the data requesting additional data from the second server.

Claim 24 (Canceled).

Claim 25 (Previously Presented): The system of Claim 1 wherein the terminal enables a user to select a release option to delete a message stored on the terminal without deleting a corresponding message stored on the second server and to select a delete option to delete a message stored on the terminal and the corresponding message on the second server, the release and delete options appearing at a same level in a menu hierarchy displayed on the terminal.

Claims 26-37 (Canceled).